

**UNITED STATES DEPARTMENT OF COMMERCE****United States Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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SEARCHED
INDEXED
MAILED
SERIALIZED
FILED
RECEIVED
OCT 15 2001
U.S. PATENT & TRADEMARK OFFICE

EXAMINER

ART UNIT	PAPER NUMBER
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DATE MAILED:

29
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TECH CENTER 1600
OCT 19 2001
1600/2900

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Docketed 8/30/01 Attorney DAM/LAM/MTL
Case 1142-122
Due Date 9/25/01 w/ ext
Action Sequence listing due 8/30/01
By CL

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AUG 30 2001

FINNEGAN, HENDERSON,
FARABOW, GARRETT & DUNNER, LLP.



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT	PAPER NUMBER
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29

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

Serial No. 08/816,011

1. The reply filed 11 June 2001 (Paper No. 28) is not fully responsive to the communication mailed 11 May 2001 (Paper No. 27) for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report.

Since the above-mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS, from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME LIMIT MAY BE GRANTED UNDER 37 CFR 1.136(a).

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Pak, whose telephone number is (703) 305-7038. The examiner can normally be reached on Monday through Friday from 8:30 AM to 2:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler, can be reached on (703) 308-6564.

Official papers filed by fax should be directed to (703) 308-4242. Faxed draft or informal communications with the examiner should be directed to (703) 308-0294.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Michael D. Pak

Michael Pak
Primary Patent Examiner
Art Unit 1646
16 August 2001

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NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- 7. Other:

Applicant Must Provide:

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216
For CRF Submission Help, call (703) 308-4212
For PatentIn software help, call (703) 308-6856

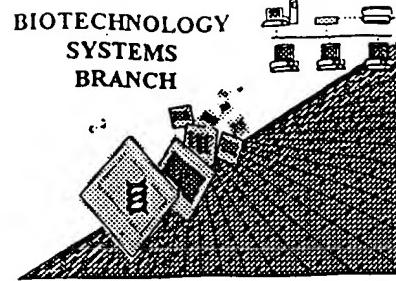
PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

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n Pak

Re-run

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 08/816,011D
Source: O1RE
Date Processed by STIC: 6/15/2001

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TECH CENTER 1600/2930

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be downloaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

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Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 08/86,010

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleic
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequences(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (ii) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) 65 missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

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Page 1 of 7

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/816,011D

DATE: 06/25/2001

TIME: 11:28:04

Input Set : A:\11420121.app

Output Set: N:\CRF3\06252001\H816011D.raw

Does Not Comply
Corrected Diskette Needed
P. 6

3 <110> APPLICANT: Pausch, Mark H
4 Price, Laura A
6 <120> TITLE OF INVENTION: POTASSIUM CHANNELS, NUCLEOTIDE SEQUENCES ENCODING THEM,
7 AND METHODS OF USING SAME
9 <130> FILE REFERENCE: 01142.0122 SEQUENCE LISTING
11 <140> CURRENT APPLICATION NUMBER: 08/816,011D
C--> 12 <141> CURRENT FILING DATE: 2001-06-11
14 <150> PRIOR APPLICATION NUMBER: 08/332,312
15 <151> PRIOR FILING DATE: 1994-10-31
17 <150> PRIOR APPLICATION NUMBER: PCT/US95/14364
18 <151> PRIOR FILING DATE: 1995-10-25
20 <160> NUMBER OF SEQ ID NOS: 67
22 <170> SOFTWARE: PatentIn Ver. 2.1
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25 <211> LENGTH: 2441
26 <212> TYPE: DNA
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32 caacggttcc tgcgagtgtat tttttttt ttcaacaatt tttgatcgta gtgcgacaat 180
33 ccgtcgagca tgccggaa tcgatggatc ctgtgtctca tcttctacat atccctacgt 240
34 atttccgggg cggcaatcta ttaccatatt gagcacggcg aggagaagat atcgcgcc 300
35 gaacagcgca aggcgaaat tgcaatcaac gaatatctgc tggaggagct gggcgacaag 360
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37 acattgccgc cgacatatga tgatacgccc tacacgtggatc ctttctacca tgcccttc 480
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39 ggacggatga tcatgatcgc gtattcggtt attggcatcc ccgtcaatgg tattcttctt 600
40 gccggcctcg gcgaataactt tggacgtacg tttgaagcgatc tctacagacg ctacaaaaag 660
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42 gtgattgccc tgattccggg aatagctctc ttccctgggtc tgccctcggtt ggggttcc 780
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57 cacaacgaat ggacatggag cggcgacaac cagcagatcc aggaggcatt caaccagcgc 1680
58 tacaagggac agcagcgtgc caacggagca gccaactcga ccatggtcca tctggagccg 1740

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/816,011D

DATE: 06/25/2001
TIME: 11:28:04

Input Set : A:\11420121.app
Output Set: N:\CRF3\06252001\H816011D.raw

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 61 tggagcgcaa gttgtccgtg gtctcggtac ccgagggtgt catctcgctg gaagccatg 1920
 62 ccccgctgga ctactacatc aacacggtca cggccggctc cagtcaatcc tatttgcgc 1980
 63 acggacgcgg tccgcccaccg cccttcgaat cgaatggcag cttggccagc ggccggcggcg 2040
 64 ggctaacgaa catgggcttc cagatggagg atggagcaac cccgccatcg gcattggcg 2100
 65 gtggagccta tcaacgcaag gcggctgctg gcaagcggcg acgcgagagc atctacaccc 2160
 66 agaatcaagc cccatccgct cgccggggca gcatgtatcc gccgaccgcg dacgccttgg 2220
 67 cccagatgca gatgcgacgc ggcagcttg caaccagtgg ctctggatcg gcggccatgg 2280
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 69 cctctgctcc gggccgaagc agcatattct cggttacctc cggaaaaggat atgaatgtgc 2400
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 76 <213> ORGANISM: Drosophila melanogaster
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 83 20 25 30
 85 Lys Ile Ser Arg Ala Glu Gln Arg Lys Ala Gln Ile Ala Ile Asn Glu
 86 35 40 45
 88 Tyr Leu Leu Glu Glu Leu Gly Asp Lys Asn Thr Thr Thr Gln Asp Glu
 89 50 55 60
 91 Ile Leu Gln Arg Ile Ser Asp Tyr Cys Asp Lys Pro Val Thr Leu Pro
 92 65 70 75 80
 94 Pro Thr Tyr Asp Asp Thr Pro Tyr Thr Trp Thr Phe Tyr His Ala Phe
 95 85 90 95
 97 Phe Phe Ala Phe Thr Val Cys Ser Thr Val Gly Tyr Gly Asn Ile Ser
 98 100 105 110
 100 Pro Thr Thr Phe Ala Gly Arg Met Ile Met Ile Ala Tyr Ser Val Ile
 101 115 120 125
 103 Gly Ile Pro Val Asn Gly Ile Leu Phe Ala Gly Leu Gly Glu Tyr Phe
 104 130 135 140
 106 Gly Arg Thr Phe Glu Ala Ile Tyr Arg Arg Tyr Lys Lys Tyr Lys Met
 107 145 150 155 160
 109 Ser Thr Asp Met His Tyr Val Pro Pro Gln Leu Gly Leu Ile Thr Thr
 110 165 170 175
 112 Val Val Ile Ala Leu Ile Pro Gly Ile Ala Leu Phe Leu Val Leu Pro
 113 180 185 190
 115 Cys Val Gly Val His Leu Leu Arg Glu Leu Gly Leu Ser Ser Ile Ser
 116 195 200 205
 118 Leu Tyr Tyr Ser Tyr Val Thr Thr Thr Ile Gly Phe Gly Asp Tyr
 119 210 215 220
 121 Val Pro Thr Phe Gly Ala Asn Gln Pro Lys Glu Phe Gly Gly Trp Phe
 122 225 230 235 240
 124 Val Val Tyr Gln Ile Phe Val Ile Val Trp Phe Ile Phe Ser Leu Gly
 125 245 250 255

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/816,011D

DATE: 06/25/2001

TIME: 11:28:04

Input Set : A:\11420121.app
 Output Set: N:\CRF3\06252001\H816011D.raw

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 128 260 265 270
 130 Lys Leu Ala Tyr Leu Glu Gln Gln Leu Ser Ser Asn Leu Lys Ala Thr
 131 275 280 285
 133 Gln Asn Arg Ile Trp Ser Gly Val Thr Lys Asp Val Gly Tyr Leu Arg
 134 290 295 300
 136 Arg Met Leu Asn Glu Leu Tyr Ile Leu Lys Val Lys Pro Val Tyr Thr
 137 305 310 315 320
 139 Asp Val Asp Ile Ala Tyr Thr Leu Pro Arg Ser Asn Ser Cys Pro Asp
 140 325 330 335
 142 Leu Ser Met Tyr Arg Val Glu Pro Ala Pro Ile Pro Ser Arg Lys Arg
 143 340 345 350
 145 Ala Phe Ser Val Cys Ala Asp Met Val Gly Ala Gln Arg Glu Ala Gly
 146 355 360 365
 148 Met Val His Ala Asn Ser Asp Thr Asp Leu Thr Lys Leu Asp Arg Glu
 149 370 375 380
 151 Lys Thr Phe Glu Thr Ala Glu Ala Tyr His Gln Thr Thr Asp Leu Leu
 152 385 390 395 400
 154 Ala Lys Val Val Asn Ala Leu Ala Thr Val Lys Pro Pro Pro Ala Glu
 155 405 410 415
 157 Gln Glu Asp Ala Ala Leu Tyr Gly Gly Tyr His Gly Phe Ser Asp Ser
 158 420 425 430
 160 Gln Ile Leu Ala Ser Glu Trp Ser Phe Ser Thr Val Asn Glu Phe Thr
 161 435 440 445
 163 Ser Pro Arg Arg Pro Arg Ala Arg Ala Cys Ser Asp Phe Asn Leu Glu
 164 450 455 460
 166 Ala Pro Arg Trp Gln Ser Glu Arg Pro Leu Arg Ser Ser His Asn Glu
 167 465 470 475 480
 169 Trp Thr Trp Ser Gly Asp Asn Gln Gln Ile Gln Glu Ala Phe Asn Gln
 170 485 490 495
 172 Arg Tyr Lys Gly Gln Gln Arg Ala Asn Gly Ala Ala Asn Ser Thr Met
 173 500 505 510
 175 Val His Leu Glu Pro Asp Ala Leu Glu Glu Gln Leu Arg Asn Asn His
 176 515 520 525
 178 Arg Val Pro Val Ala Ser Arg Ser Ser Pro Cys Arg Met Val Cys Asp
 179 530 535 540
 181 Val Cys Phe Pro Ser Arg Arg Ser Thr Pro Arg Arg Ile Trp Ser Ala
 182 545 550 555 560
 184 Ser Cys Pro Trp Ser Arg Tyr Pro Arg Val Ser Ser Arg Arg Lys Pro
 185 565 570 575
 187 Asp Pro Arg Trp Thr Thr Ser Thr Arg Ser Arg Arg Pro Pro Val
 188 580 585 590
 190 Asn Pro Ile Cys Ala Thr Asp Ala Val Arg His Arg Pro Ser Asn Arg
 191 595 600 605
 193 Met Ala Ala Trp Pro Ala Ala Ala Gly
 194 610 615
 197 <210> SEQ ID NO: 3
 198 <211> LENGTH: 1011
 199 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/816,011D

DATE: 06/25/2001
TIME: 11:28:04

Input Set : A:\11420121.app
Output Set: N:\CRF3\06252001\H816011D.raw

200 <213> ORGANISM: Caenorhabditis elegans
 202 <400> SEQUENCE: 3
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 205 gtcactacca tcggatacgg taatccagtt ccagtgcaca acattggacg gatatgggt 180
 206 atattgttct ccttgcttgg aatacctcta acactggta ccacgcgtga ctggcagg 240
 207 aaattccatct ctgaacatct tggaaact atttgaattt aaaaatatctc 300
 208 atattgtcac gacatcgaaa agaacggaga gagcacgtt gtgagcaactgtc 360
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 216 gcaaatttaa tgcaaaagcg agctcgtaac atgtcccgg aagctttat agtggagaat 840
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 234 Ser Ile Phe Phe Ala Val Thr Val Val Thr Thr Ile Gly Tyr Gly Asn
 235 35 40 45
 237 Pro Val Pro Val Thr Asn Ile Gly Arg Ile Trp Cys Ile Leu Phe Ser
 238 50 55 60
 240 Leu Leu Gly Ile Pro Leu Thr Leu Val Thr Ile Ala Asp Leu Ala Gly
 241 65 70 75 80
 243 Lys Phe Leu Ser Glu His Leu Val Trp Leu Tyr Gly Asn Tyr Leu Lys
 244 85 90 95
 246 Leu Lys Tyr Leu Ile Leu Ser Arg His Arg Lys Glu Arg Arg Glu His
 247 100 105 110
 249 Val Cys Glu His Cys His Ser His Gly Met Gly His Asp Met Asn Ile
 250 115 120 125
 252 Glu Glu Lys Arg Ile Pro Ala Phe Leu Val Leu Ala Ile Leu Ile Val
 253 130 135 140
 255 Tyr Thr Ala Phe Gly Gly Val Leu Met Ser Lys Leu Glu Pro Trp Ser
 256 145 150 155 160
 258 Phe Phe Thr Ser Phe Tyr Trp Ser Phe Ile Thr Met Thr Thr Val Gly
 259 165 170 175
 261 Phe Gly Asp Leu Met Pro Arg Arg Asp Gly Tyr Met Tyr Ile Ile Leu
 262 180 185 190
 264 Leu Tyr Ile Ile Leu Gly Lys Phe Ser Met Lys Lys Gln Lys Phe

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/816,011D

DATE: 06/25/2001
TIME: 11:28:04

Input Set : A:\11420121.app
Output Set: N:\CRF3\06252001\H816011D.raw

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271	225	230	235
273	Asp Ala Arg Ser Ala Leu Ala Val Val Gly Gly Lys Val Val Leu Val		240
274	245	250	255
276	Ser Glu Leu Tyr Ala Asn Leu Met Gln Lys Arg Ala Arg Asn Met Ser		
277	260	265	270
279	Arg Glu Ala Phe Ile Val Glu Asn Leu Tyr Val Ser Lys His Ile Ile		
280	275	280	285
282	Pro Phe Ile Pro Thr Asp Ile Arg Cys Ile Arg Tyr Ile Asp Gln Thr		
283	290	295	300
285	Ala Asp Ala Ala Thr Ile Ser Thr Ser Ser Ala Ile Asp Met Gln		
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288	Ser Cys Arg Phe Cys His Ser Arg Tyr Ser Leu Asn Arg Ala Phe Lys		320
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304	<210> SEQ ID NO: 6		
305	<211> LENGTH: 51		
306	<212> TYPE: DNA		
307	<213> ORGANISM: Caenorhabditis elegans		
309	<400> SEQUENCE: 6		
310	tcatttctact ggtccttcat tacaatgact actgtcggtt ttggcgactt g		51
313	<210> SEQ ID NO: 7		
314	<211> LENGTH: 24		
315	<212> TYPE: PRT		
316	<213> ORGANISM: Drosophila melanogaster		
318	<400> SEQUENCE: 7		
319	Ala Phe Leu Phe Ser Ile Glu Thr Gln Thr Thr Ile Gly Tyr Gly Phe		
320	1	5	10
322	Arg Cys Val Thr Asp Glu Cys Pro		15
323	20		
326	<210> SEQ ID NO: 8		
327	<211> LENGTH: 24		
328	<212> TYPE: PRT		
329	<213> ORGANISM: Drosophila melanogaster		
331	<400> SEQUENCE: 8		
332	Ala Phe Leu Phe Ser Leu Glu Thr Gln Val Thr Ile Gly Tyr Gly Phe		
333	1	5	10
335	Arg Cys Val Thr Glu Gln Cys Ala		15
336	20		
339	<210> SEQ ID NO: 9		
340	<211> LENGTH: 24		

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<210> 65
<211> 4
<212> PRT
<213> Artificial Sequence

<400> 65
Thr Trp Thr Phe
1

see item 11 on Error Summary Sheet

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/08/816,011D

DATE: 06/25/2001
TIME: 11:28:05

Input Set : A:\11420121.app
Output Set: N:\CRF3\06252001\H816011D.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:840 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:1184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:1409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:1493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1699 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1699 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.